



09-02-05

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PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/898,185-Conf. #9635
	Filing Date	July 3, 2001
	First Named Inventor	Kouji Kumada
	Art Unit	2674
	Examiner Name	J. E. Lesperance
Total Number of Pages in This Submission	Attorney Docket Number	56232 (70904)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO/SB-08 (with references); Certificate of Express Mailing; and return receipt postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	EDWARDS & ANGELL, LLP		
Signature			
Printed name	John J. Penny		
Date	August 31, 2005	Reg. No.	36,984

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Dated: August 31, 2005

Signature:

(John J. Penny)



Application No. (if known): 09/898,185

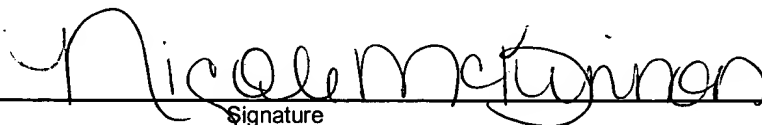
Attorney Docket No.: 56232 (70904)

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Dated: August 31, 2005

Signature:

(John J. Penny)

Docket No.: 56232 (70904)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kouji Kumada, *et al.*

Application No.: 09/898,185

Confirmation No.: 9635

Filed: July 3, 2001

Art Unit: 2674

For: DRIVE CIRCUIT FOR USE IN LIQUID  
CRYSTAL DISPLAY, LIQUID CRYSTAL  
DISPLAY INCORPORATING THE SAME,  
AND ELECTRONICS INCORPORATING  
THE LIQUID CRYSTAL DISPLAY

Examiner: J. E. Lesperance

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

US  
Comm  
P.O. B  
Alexan

Dear Sir:

Dear

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office

in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

A complete English translation of the Japanese Office Action dated August 2, 2005 is enclosed. English translations of the Abstracts the other non-English language references are enclosed.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

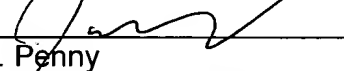
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

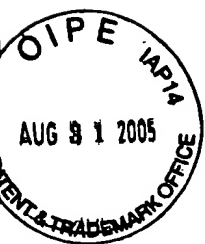
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 56232 (70904). A duplicate copy of this paper is enclosed.

Dated: August 31, 2005  
Customer No.: 21874  
506004

Respectfully submitted,

By   
John J. Penny  
Registration No.: 36,984  
EDWARDS & ANGELL, LLP  
P.O. Box 55874  
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(617) 439-4444  
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PTO/SB/08a/b (07-05)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/898,185-Conf. #9635
				Filing Date	July 3, 2001
				First Named Inventor	Kouji Kumada
				Art Unit	2674
				Examiner Name	J. E. Lesperance
Sheet	1	of	1	Attorney Docket Number	56232(70904)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	-				
	BB	JP-07-333576	12-22-1995			✓
	BC	JP-08-166578	06-25-1996			✓
	BD	JP-61-249094	11-06-1986			
	BE	JP-11-202299	07-30-1999			✓
	BF	JP-2000-002868	01-07-2000			✓
	BG	JP-11-271716	10-08-1999			✓
	BH	JP-05-265410	10-15-1993			✓
	BI	JP-1-120196	08-15-1989			
	BJ	JP-07-294874	11-10-1995			✓
	BK	JP-11-015442	01-22-1999			✓
	BL	JP-04-293014	10-16-1992			✓
	BM	JP-11-281949	10-15-1999			✓
	BN	JP-11-065527	03-09-1999			✓
	BO	JP-11-175027	07-02-1999			✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Copy of Japanese Office Action mailed August 2, 2005 (with English Translation of Notice of Reasons for Refusal).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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